Index Volume 12 1986/87

Vol. 12 No. 1 issued on 24.06.1986
Vol. 12 No. 2 issued on 3.07.1986
Vol. 12 No. 3 issued on 29.07.1986
Vol. 12 No. 4 issued on 25.08.1986
Vol. 12 No. 5/6 issued on 30.09.1986
Vol. 12 No. 7 issued on 5.11.1986
Vol. 12 No. 8 issued on 20.11.1986
Vol. 12 No. 9 issued on 19.12.1986
Vol. 12 No. 10 issued on 30.01.1987
Vol. 12 No. 11 issued on 11.03.1987
Vol. 12 No. 12 issued on 7.04.1987
Vol. 12 Suppl. issued on 4.09.1986

Abdel-Dayem, H.M., s. Bahar, R.H., et al. 542

Abdel-Dayem, H.M., s. Ziada, G., et al. 592

Abe, Y., Matsuzawa, T., Fujiwara, T., Fukuda, H., Itoh, M., Yamada, K., Yamaguchi, K., Sato, T., Ido, T.: Assessment of radiotherapeutic effects on experimental tumors using ^{18}F-2-fluoro-2-deoxy-D-glucose 325

Abello, R., Lomeña, F., Garcia, A., Herranz, R., Sola, J.F., Plaza, V., Sole, M., Setoain, J.: Unusual metastatic chondrosarcoma detected with bone scintigraphy 306

Abiko, M., s. Suzuki, T., et al. 47

Ackerman, L., Freeman, M.L., Pacold, I., Barnes, W.E., Johnson, B., Reid, R.W., Loeb, H.S., Kaplan, E.: Effect of acute postinfusion lipemia and free fatty acids on myocardial contractility: Assessment with radionuclide ventriculography 201

Ackery, D.M., s. Blake, G.M., et al. 447

Alazraki, N., s. Taylor, A. Jr., et al. 510

Allende-Riera, A., Hdez-Armas, J., Oton-Sanchez, C.: Objective evaluation of scintigraphic diagnosis of bone metastasis 482

Alpert, J.S., s. Bianco, J.A., et al. 120

Alpert, N.M., s. Ruddy, T.D., et al. 533

Ambrose, K.R., Owen, B.A., Goodman, M.M., Knapp, F.F. Jr.: Evaluation of the metabolism in rat hearts of two new radioiodinated 3-methyl-branched fatty acid myocardial imaging agents 486

Ambrose, K.R., s. Knapp, F.F. Jr., et al. S 39

Ando, A., Ando, I., Katayama, M., Sanada, S., Hiraki, T., Mori, H., Tonami, N., Hisada, K.: Biodistributions of ^{201}Tl in tumor bearing animals and inflammatory lesion induced animals 567

Ando, A., Nitta, K., Ando, I., Katsuda, S., Tonami, N., Hiraki, T., Hisada, K., Ogawa, H.: ^{67}Ga accumulation in inflammatory lesion and its mechanism: Comparison with malignant tumor 560

Ando, A., s. Sanada, S., et al. 390

Ando, I., s. Ando, A., et al. 560

Ando, I., s. Ando, A., et al. 567

Ando, I., s. Sanada, S., et al. 390

Andrew, S.M., Pimm, M.V., Perkins, A.C., Baldwin, R.W.: Comparative imaging and biodistribution studies with an anti-CEA monoclonal antibody and its F(ab)$_2$ and Fab fragments in mice with colon carcinoma xenografts 168

Angelberger, P., s. Dudczak, R., et al. S 45

Angelberger, P., s. Sinzinger, H., et al. 291

Anghileri, L.J., Thouvenot, P., Brunotte, F., Robert, J.: Experimental evidence for the probable involvement of calcium ion transport in ^{67}Ga uptake by tumour cells 179

Antman, E.M., s. Campbell, S., et al. 219

Aprile, C., Saponaro, R., Villa, G., Carena, M., Lunghi, F., Solerte, S.B., Salvadeo, A.: Assessment of split renal function with ^{99m}Tc-aprotinin 37

Araujo, L., s. Camici, P., et al. S 49

Arndt, J.W., s. Bakker, H.M. de, et al. 477

Asko-Seljavaara, S., s. Liewendahl, K., et al. 359

Axiak, S.M., s. Walker, K.Z., et al. 461

Bading, J.R., s. Conti, P.S., et al. 353

Bahar, R.H., Abdel-Dayem, H.M., Mohammed, M., Simo, M., Ziada, G., Costantinides, C., Suhali, A.R.: "Pulmonary tongue" a right ventricle phase abnormality in muga studies in patients with pulmonary hypertention 542

Bahar, R., s. Ziada, G., et al. 592

Bakker, C.N.M., s. Langevelde, A. van, et al. 96

Bakker, H.M. de, Arndt, J.W., Pauwels, E.K.J.: Extrarenal scintigraphic aspects of kidney transplant scans obtained with ^{99m}Tc-DTPA 477

Balachandran, S., Eason, S., McGuire, L., Bernard, S., Boyd, C.: Ejection fraction by combined inverse Fourier analysis and second-derivative technique: Correlation with isocontour method 69

Baldwin, R.W., s. Andrew, S.M., et al. 168

Baldwin, R.W., s. Pimm, M.V., et al. 515

Barber, R.W., s. Ormerod, O.J.M., et al. 72

Barker, F., s. Duffy, G.J., et al. 187

Barlai-Kovach, M., s. Ruddy, T.D., et al. 533

Barnes, W.E., s. Ackerman, L., et al. 201

Barnett, P., s. Buckley, R.G., et al. 394

Basran, G.S., Hardy, J.G., Woo, S.P., Ramasubramanian, R., Byrne, A.J.: Beta-2-adrenoceptor agonists as inhibitors of lung vascular permeability to radiolabelled transferrin in the adult respiratory distress syndrome in man 381

Basten, A., s. Walker, K.Z., et al. 461

Bautovich, G.J., s. Walker, K.Z., et al. 461

Beekhuis, H., s. Woude, F.J. van der, et al. 130

Beelen, J.M., s. Woude, F.J. van der, et al. 130

Beihn, R., s. Shih, W.-J., et al. 299

Benjelloun, L., s. Rosenberg, S., et al. 65

Benua, R.S., s. Conti, P.S., et al. 353

Bergmann, H., s. Sinzinger, H., et al. 291

Bernard, S., s. Balachandran, S., et al. 69

Besozzi, M.C., s. Perlman, S.B., et al. 492

Bettin, K., O'Connor Allen, M., Gerding, D.N., Forstrom, L., Shafer, R.: In-111 *Pseudomonas aeruginosa*: A simple method of labelling live bacteria with a gamma-emitting radioisotope 277

Bianco, J.A., Elmaleh, D.R., Leppo, J.A., King, M.A., Moring, A., Livni, E., Espinoza, E., Alpert, J.S., Strauss, H.W.: Effect of glucose and insulin infusion on the myocardial extraction of a radioiodinated methyl-substituted fatty acid 120

Bidet, A.C., Dreyfus-Schmidt, G., Mas, J., Combe, J., Milleret, P., Bidet, R.: Diagnosis of splenosis: The advantages of splenic scintiscanning with Tc 99m heat-damaged red blood cells 357

Bidet, R., s. Bidet, A.C., et al. 357

Biello, D.R., s. Wahl, R.L., et al. 5

Bigler, R.E., s. Conti, P.S., et al. 353

Blake, G.M., Percival, R.C., Kanis, J.A.: Thallium-pertechnetate subtraction scintigraphy: A quantitative comparison between adenomatous and hyperplastic parathyroid glands 31

Blake, G.M., Zivanovic, M.A., McEwan, A.J., Ackery, D.M.: Sr-89 therapy: Strontium kinetics in disseminated carcinoma of the prostate 447

Böcker, K., s. Schwarzrock, R., et al. 346

Boden, J.A., s. Buckley, R.G., et al. 394

Boer, H., s. Langevelde, A. van, et al. 96

Bögl, W., s. Hammermaier, A., et al. 41

Bolster, J.M., Vaalburg, W., Paans, A.M.J., Dijk, T.H. van, Elsinga, P.H., Zijlstra, J.B., Piers, D.A., Mulder, N.H., Woldring, M.G., Wynberg, H.: Carbon-11 labelled tyrosine to study tumor metabolism by positron emission tomography (PET) 321

Bonetti, M.G., s. Maini, C.L., et al. 60

Botelho, M.F., s. Lima, J.J.P. de, et al. 258

Boucher, C.A., s. Ruddy, T.D., et al. 533

Bourgeois, M., s. Meyer, H., et al. 421

Bourne, S.P., s. Richardson, R.B., et al. 313

Boyd, C., s. Balachandran, S., et al. 69

Brennan, N., s. Duffy, G.J., et al. 187
Brown, J., s. Evans, I., et al. 620
Brüggen, J., s. Matzku, S., et al. 405
Bruneau, C., s. Wirquin, E., et al. 274
Brunotte, F., Laurens, M.H., Cloez, J.L., Marcon, F., Itty, C., Robert, J., Pernot, C.: Sensitivity and specificity of radionuclide equilibrium angiocardiography for detection of hemodynamically significant secundum atrial septal defect 468
Brunotte, F., s. Anghileri, L.J., et al. 179
Buck, R.T., Siddiqui, A.R.: Thyroid abnormality secondary to tortuous carotid artery 51
Buckley, R.G., Barnett, P., Scarle, F., Pedley, R., Boden, J.A.: A comparative distribution study of ^{111}In-labelled DTPA and TTHA monoclonal antibody conjugates in a choriocarcinoma xenograft model 394
Buell, U., s. Knesewitsch, P., et al. 115
Büll, U., s. Knesewitsch, P., et al. 598
Bureau, J.F., Gaillard, J.-F., Granier, R., Ollivier, J.-P.: Diagnostic and prognostic criteria of chronic left ventricular failure obtained during exercise-^{201}Tl imaging 613
Burke, J.J., s. Smart, R.C., et al. 9
Burton, G.H., s. Vernon, P., et al. 16
Byrne, A.J., s. Basran, G.S., et al. 381
Caballero, O., Ferris, J., Verdeguer, A., Esquembre, C., Castel, V.: Visualization of a ganglioneuroma by means of scintigraphy with 131-I-MIBG 351
Calmettes, C., s. Coutris, G., et al. 77
Camici, P., Araujo, L., Spinks, T., Jones, T., Maseri, A.: Myocardial blood flow and glucose metabolism in exercise induced and spontaneous ischemia S 49
Cammelli, F., s. Spreafico, G., et al. 557
Campbell, S., Holman, B.L., Kirshenbaum, J.M., Antman, E.M., Lister-James, J., Davison, A., Kozlowski, J., English, R.J., Jones, A.G.: The scintigraphic evaluation of myocardial infarction and regional ventricular performance using technetium-99m hexakis (t-butylisonitrile) technetium (I) (TBI): A new myocardial imaging agent 219
Campos Costa, D., s. Underwood, S.R., et al. 529
Carena, M., s. Aprile, C., et al. 37
Carlsen, O., Lukman, B., Nathan, E.: Indirect radionuclide renocystography for determination of vesico-ureteral reflux in children 205
Casey, M., s. Duffy, G.J., et al. 187
Castel, V., s. Caballero, O., et al. 351
Chatal, J.-F., s. Peltier, P. 254
Chen, D.C.P., s. Douglass, K.H., et al. 602
Chomienne, C., s. Najean, Y., et al. 379
Christiansen, C., s. Thomsen, K., et al. 342
Cinotti, L., s. Wirquin, E., et al. 274
Clark, A.G., s. Hardy, J.G., et al. 176
Cloez, J.L., s. Brunotte, F., et al. 468
Coakham, H.B., s. Richardson, R.B., et al. 313
Cohen, M.D., s. Cory, D.A., et al. 546
Combe, J., s. Bidet, A.C., et al. 357
Conti, P.S., Sordillo, P.P., Schmall, B., Benua, R.S., Bading, J.R., Bigler, R.E., Laughlin, J.S.: Tumor imaging with carbon-11 labelled alpha-aminoisobutyric acid (AIB) in a patient with advanced malignant melanoma 353
Correia, J.A., s. Ruddy, T.D., et al. 533
Cory, D.A., Siddiqui, A.R., Cohen, M.D.: Uptake of technetium 99m MDP by hepatoblastoma 546
Costantinides, C., s. Bahar, R.H., et al. 542
Coutris, G., Talbot, J.N., Kabla, G., Calmettes, C., Milhaud, G.: Uptake of ^{131}I-MIBG by medullary carcinoma of thyroid in familial cases 77
Cox, P.H., s. Pillay, M., et al. 293
Cox, P.H., s. Shapiro, B., et al. 522
Crawley, J.C.W., s. Rodrigues, E.A., et al. 617
Creutzig, H.: High or low dose radioiodine ablation of thyroid remnants? 500
Davis, A.G., s. Richardson, R.B., et al. 313
Davison, A., s. Campbell, S., et al. 219
Davison, A., s. Sia, S.T.B., et al. 333
De Roo, M., s. Mortelmans, L., et al. 284
DeLand, F.H., Lieber, A., Ram, M.D., Goldenberg, D.M.: Preliminary findings in the evaluation of hepatic malignancies by radioimmunodetection, X-ray computed tomography, and magnetic resonance imaging 429
DeLand, F.H., s. Shih, W.-J., et al. 299
Delcourt, E., s. Franken, P.R., et al. 365
Delfiore, G., s. Rigo, P., et al. S 59
Deschryver, F., s. Najean, Y., et al. 379
Dienstbier, Z., s. Šámal, M., et al. 280
Dijk, T.H. van, s. Bolster, J.M., et al. 321
Dolgin, C., s. Swayne, L.C., et al. 302
Domstad, P.A., s. Shih, W.-J., et al. 299
Douesnard, J.M., s. Lette, J., et al. 240
Douglas, K.P., s. Lecklitner, M.L. 436
Douglass, K.H., Links, J.M., Chen, D.C.P., Wong, D.F., Wagner, H.N. Jr.: Linear discriminant analysis of regional ejection fractions in the diagnosis of coronary artery disease 602
Dreyfus-Schmidt, G., s. Bidet, A.C., et al. 357
Dudczak, R., Schmoliner, R., Angelberger, P., Knapp, F.F., Goodman, M.M.: Structurally modified fatty acids: Clinical potential as tracers of metabolism S 45
Dudczak, R., s. Lenzhofer, R. S 32
Duffy, G.J., Thirumurthi, K., Casey, M., Barker, F., Brennan, N., Odlum, C., Fitzgerald, M.X.: Semi-quantitative gallium-67 lung scanning as a measure of the intensity of alveolitis in pulmonary sarcoidosis 187
Duron, F., s. Talbot, J.N., et al. 304
Duwel, C.M.B., s. Visser, F.C., et al. S 20
Earnshaw, J.J., Hardy, J.G., Hopkinson, B.R., Makin, G.S.: Non-invasive investigation of lower limb revascularisation using resting thallium peripheral perfusion imaging 443
Eason, S., s. Balachandran, S., et al. 69
Edeburn, G.F., Hackett, M.T., Tow, D.E.: Hepatic vein dilatation as seen on single photon emission computed tomography (SPECT) of the liver 578
Edeling, C.-J.: ^{99m}Tc-methylene diphosphonate and ^{67}Ga-uptake in myositis ossificans 311
Edenbrandt, C.M., Hedner, U., Nilsson, J., Ohlin, P., Tengborn, L.: Return to normal of ^{99m}Tc-plasmin test after deep venous thrombosis and its relationship to vessel wall fibrinolysis 197
Eenige, M.J. van, s. Funke Küpper, A.J., et al. 337
Eenige, M.J. van, s. Visser, F.C., et al. S 20
Ehrlich, L., s. Jackson, S.A., et al. 86
Elfner, R., Vaknine, R., Knapp, W.H., Tillmanns, H., Lorenz, W.J.: Automated determination of the right ventricular ejection fraction by digital processing of ^{81m}Kr scintigrams 231
Ell, P.J., s. Underwood, S.R., et al. 529
Elmaleh, D.R., s. Bianco, J.A., et al. 120
Elsinga, P.H., s. Bolster, J.M., et al. 321
Emanuel, R.W., s. Underwood, S.R., et al. 529
Endo, M., s. Yoshida, K., et al. 226
English, R.J., s. Campbell, S., et al. 219
Ensing, G.J., Halie, M.R.: In vitro function of radiocolloid-labelled monocytes 163
Eriksson, L., s. Stone-Elander, S., et al. 236
Eshima, D., s. Taylor, A. Jr., et al. 510
Espinoza, E., s. Bianco, J.A., et al. 120
Esquembre, C., s. Caballero, O., et al. 351
Etani, H., s. Nakamura, M., et al. 503
Evans, I., Hambleton, H., Mann, N., Brown, J.: The distribution of lung damage in children with cystic fibrosis and its relationship to colonisation with Pseudomonas aeroginosa 620
Feinendegen, L.E., s. Herzog, H., et al. 263
Feinendegen, L.E., s. Meyer, H., et al. 421
Ferris, J., s. Caballero, O., et al. 351
Filippone, A., s. Swayne, L.C., et al. 302
Fitzgerald, M.X., s. Duffy, G.J., et al. 187
Flatau, E., s. Garty, I., et al. 589

Fletcher, J.W., s. Goodgold, H.M., et al. 271
Fogelman, I., s. Gedroyc, W.M., et al. 480
Folts, J.D., s. Perlman, S.B., et al. 492
Forstrom, L., s. Bettin, K., et al. 277
Franken, P.R., Delcourt, E., Ham, H.R.: Right ventricular ejection fraction: Comparison of technetium-99m first pass technique and ECG-gated steady state krypton-81m angiocardiography 365
Franssila, K., s. Liewendahl, K., et al. 359
Fredericks, P., s. Moreno, A.J., et al. 309
Freeman, M.L., s. Ackerman, L., et al. 201
Freschi, R., s. Spreafico, G., et al. 557
Fridrich, L., Gassner, A., Sommer, G., Kneussl, M., Kassal, H., Klicpera, M., Salomonowitz, E.: Dynamic ^{123}I-HDA myocardial scintigraphy after aortocoronary bypass grafting S 24
Fridrich, L., Sommer, G., Gassner, A., Klicpera, M.: Comparison of radionuclide angiocardiography and 201-Tl-scintigraphy 363
Fritsch, S., s. Knesewitsch, P., et al. 598
Fudemoto, Y., s. Wakasugi, S., et al. 369
Fujiwara, T., s. Abe, Y., et al. 325
Fukuda, H., s. Abe, Y., et al. 325
Fukuda, N., s. Yoshida, K., et al. 226
Funke Küpper, A.J., Verheugt, F.W.A., Jaarsma, W., Wall, E.E. van der, Eenige, M.J. van, Hollander, W. den, Roos, J.P.: Detection of ventricular thrombosis in acute myocardial infarction: Value of indium-111 platelet scintigraphy in relation to two-dimensional echocardiography and clinical course 337
Gadola, G., s. Spreafico, G., et al. 557
Gaillard, J.-F., s. Bureau, J.F., et al. 613
Garcia, A., s. Abello, R., et al. 306
Garty, I., Straussberg, R., Flatau, E.: Extraosseous ^{99m}Tc-MDP uptake in squamous cell carcinoma of the pleura 589
Gassner, A., s. Fridrich, L., et al. S 24
Gassner, A., s. Fridrich, L., et al. 363
Gedroyc, W.M., Miller, C., Fogelman, I.: CAPD fluid: A common cause of photon deficient lesions on ^{99m}Tc-DTPA scans in renal transplant patients 480
Gentilcore, R.C., s. Goodgold, H.M., et al. 271
Georges, B., s. Urbain, D., et al. 267
Gerding, D.N., s. Bettin, K., et al. 277
Gillis, F., s. Sia, S.T.B., et al. 333
Goldenberg, D.M., s. DeLand, F.H., et al. 429
Goodgold, H.M., Gentilcore, R.C., Hendershott, L., Fletcher, J.W., Samuels, L.D.: Significance of diffuse cardiac activity on In-111 labelled leucocyte scans 271
Goodman, M.M., s. Ambrose, K.R., et al. 486
Goodman, M.M., s. Dudczak, R., et al. S 45
Goodman, M.M., s. Knapp, F.F. Jr., et al. S 39
Goodwin, D.A., s. Haseman, M.K., et al. 455
Gorree, G.C.M., s. Visser, G.W.M., et al. 137
Granier, R., s. Bureau, J.F., et al. 613
Guillaume, M., s. Rigo, P., et al. S 59
Guillaume, M., s. Zicot, M., et al. 192
Hackett, M.T., s. Edeburn, G.F., et al. 578
Hager, B., s. Winderen Lindegaard, M., et al. 417
Halie, M.R., s. Ensing, G.J. 163
Ham, H.R., s. Franken, P.R., et al. 365
Ham, H.R., s. Urbain, D., et al. 267
Ham, H., s. Zicot, M., et al. 192
Hambleton, H., s. Evans, I., et al. 620
Hammermaier, A., Reich, E., Bögl, W.: Chemical radiochemical, and radionuclide purity of eluates from different commercial fission ^{99}Mo/^{99m}Tc generators 41
Hammes, R.J., s. Perlman, S.B., et al. 492
Hanna, R.W., Lomas, F.E.: Identification of factors affecting ^{99m}Tc leucocyte labelling by phagocytic engulfment and development of an optimal technique 159
Hara, T., Yokoi, F.: Difference of ^{14}C turnovers in brain and in transplanted glioma after intravenous injection of ^{14}C-1-pyruvate into rats 249
Hara, T., Yokoi, F., Iio, M.: Brain ischemia and infarction positively visualized by pyruvate-1-^{11}C using positron-emission tomography 21
Hara, T., s. Tsukiyama, T., et al. 244
Hardy, J.G., Wood, E., Clark, A.G., Reynolds, J.R.: Colonic motility and enema spreading 176
Hardy, J.G., s. Basran, G.S., et al. 381
Hardy, J.G., s. Earnshaw, J.J., et al. 443
Hasegawa, Y., s. Wakasugi, S., et al. 369
Haseman, M.K., Goodwin, D.A., Meares, C.F., Kaminski, M.S., Wensel, T.G., McCall, M.J., Levy, R.: Metabolizable ^{111}In chelate conjugated antiidiotype monoclonal antibody for radioimmunodetection of lymphoma in mice 455
Hashikawa, K., s. Nakamura, M., et al. 503
Hatazawa, J., s. Yanai, K., et al. 141
Hauser, H., s. Schuhmacher, J., et al. 397
Hayat, N., s. Ziada, G., et al. 592
Hdez-Armas, J., s. Allende-Riera, A., et al. 482
Hedner, U., s. Edenbrandt, C.M., et al. 197
Heiss, W.-D., s. Moerlein, S.M., et al. 211
Hendershott, L., s. Goodgold, H.M., et al. 271
Henriksen, O., s. Hyldstrup, L., et al. 581
Henriksen, O., s. Hyldstrup, L., et al. 585
Henze, E., s. Sochor, H., et al. S 66
Herranz, R., s. Abello, R., et al. 306
Herscheid, J.D.M., s. Visser, G.W.M., et al. 137
Herzog, H., Spohr, G., Notohamiprodjo, G., Feinendegen, L.E.: Sequential sampling: A new acquisition technique for fatty acid kinetics from quasi-simultaneous multiple projections 263
Higazy, E., s. Ziada, G., et al. 592
Hildman, A., s. Hildman, H., et al. 147
Hildman, H., Tiedjen, K.U., Hildmann, A.: An autoradiographic study of bone grafts in small animals 147
Himi, T., s. Yoshida, K., et al. 226
Hinge, D.A., s. Rodrigues, E.A., et al. 617
Hiraki, T., s. Ando, A., et al. 560
Hiraki, T., s. Ando, A., et al. 567
Hiraki, T., s. Sanada, S., et al. 390
Hiroe, M., s. Hosoba, M., et al. 53
Hisada, K., s. Ando, A., et al. 560
Hisada, K., s. Ando, A., et al. 567
Hisada, K., s. Sanada, S., et al. 390
Hoekstra, A., s. Visser, G.W.M., et al. 137
Höfer, R., s. Sinzinger, H., et al. 471
Hollander, W. den, s. Funke Küpper, A.J., et al. 337
Holman, B.L., s. Campbell, S., et al. 219
Holman, B.L., s. Sia, S.T.B., et al. 333
Hopkinson, B.R., s. Earnshaw, J.J., et al. 443
Hosoba, M., Wani, H., Hiroe, M., Kusakabe, K.: Clinical validation of fully-automated contour detection for gated radionuclide ventriculography with a slant-hole collimator 53
Hujita, Y., s. Kida, T., et al. 151
Hundeshagen, H., s. Schwarzrock, R., et al. 346
Hvid-Jacobsen, K., s. Nielsen, S.L., et al. 629
Hyldstrup, L., McNair, P., Ring, P., Henriksen, O.: Studies on diphosphonate kinetics. Part I: Evaluation of plasma elimination curves during 24 h 581
Hyldstrup, L., McNair, P., Ring, P., Henriksen, O.: Studies on diphosphonate kinetics. Part II: Whole body bone uptake rate during constant infusion – a refined index of bone metabolism 585
Ido, T., s. Abe, Y., et al. 325
Ido, T., s. Yanai, K., et al. 141
Iinuma, T., s. Yoshida, K., et al. 226
Iio, M., s. Hara, T., et al. 21
Iio, M., s. Tsukiyama, T., et al. 244
Ilmer, T.A.M., s. Langevelde, A. van, et al. 96
Inagaki, Y., s. Yoshida, K., et al. 226
Incalzi, R.A., s. Maini, C.L., et al. 60
Inoue, J., s. Kida, T., et al. 151
Intenzo, C.M., s. Yoo, H.S., et al. 252

Isaka, Y., s. Nakamura, M., et al. 503
Ishiwata, K., s. Yanai, K., et al. 141
Itoh, M., s. Abe, Y., et al. 325
Itti, R., s. Rosenberg, S., et al. 65
Itty, C., s. Brunotte, F., et al. 468
Iwata, R., s. Yanai, K., et al. 141
Jaarsma, W., s. Funke Küpper, A.J., et al. 337
Jackson, S.A., Ehrlich, L., Martin, R.H.: The renal washout parameter as an indicator of transplant rejection 86
Jay, M., s. Kojima, S. 385
Johnson, B., s. Ackerman, L., et al. 201
Johnström, P., s. Stone-Elander, S., et al. 236
Jones, A.G., s. Campbell, S., et al. 219
Jones, A., s. Sia, S.T.B., et al. 333
Jones, D.H., s. Richardson, R.B., et al. 313
Jones, T., s. Camici, P., et al. S 49
Journée-de Korver, J.A., s. Langevelde, A. van, et al. 96
Kabla, G., s. Coutris, G., et al. 77
Kabnick, L.S., s. Swayne, L.C., et al. 302
Kaindl, F., s. Sochor, H., et al. S 1
Kairento, A.-L., s. Liewendahl, K., et al. 359
Kaliman, J., s. Sinzinger, H., et al. 291
Kamada, T., s. Nakamura, M., et al. 503
Kaminski, M.S., s. Haseman, M.K., et al. 455
Kanis, J.A., s. Blake, G.M., et al. 31
Kaplan, E., s. Ackerman, L., et al. 201
Kárný, M., s. Šámal, M., et al. 280
Kaspersen, F.M., s. Langevelde, A. van, et al. 96
Kassal, H., s. Fridrich, L., et al. S 24
Katayama, M., s. Ando, A., et al. 567
Katsuda, S., s. Ando, A., et al. 560
Keech, F.K., s. Walker, K.Z., et al. 461
Kelbæk, H.: Isolation and labelling of human leukocytes with ^{99m}Tc 107
Kemshead, J.T., s. Richardson, R.B., et al. 313
Kida, T., Hujita, Y., Sasaki, M., Inoue, J.: Myocardial and vascular uptake of a bone tracer associated with secondary hyperparathyroidism 151
Kido, G., s. Tsukiyama, T., et al. 244
Kiffel, T., s. Talbot, J.N., et al. 304
Kimura, K., s. Nakamura, M., et al. 503
King, M.A., s. Bianco, J.A., et al. 120
Kirchgeßner, H., s. Matzku, S., et al. 405
Kirshenbaum, J.M., s. Campbell, S., et al. 219
Kitahara, J., s. Mihara, F., et al. 413
Kivisaari, A., s. Lindell, O., et al. 80
Kleinhans, E., s. Knesewitsch, P., et al. 115
Kleinhans, E., s. Knesewitsch, P., et al. 598
Klicpera, M., s. Fridrich, L., et al. S 24
Klicpera, M., s. Fridrich, L., et al. 363
Knapp, F.F. Jr., Ambrose, K.R., Goodman, M.M.: New radioiodinated methyl-branched fatty acids for cardiac studies S 39
Knapp, F.F. Jr., s. Ambrose, K.R., et al. 486
Knapp, F.F., s. Dudczak, R., et al. S 45
Knapp, W.H., s. Elfner, R., et al. 231
Knesewitsch, P., Fritsch, S., Kleinhans, E., Büll, U.: Combined evaluation of first pass radionuclide angiography and equilibrium radionuclide ventriculography in the diagnosis of coronary artery disease. II. Results during exercise 598
Knesewitsch, P., Kleinhans, E., Buell, U.: Combined evaluation of first-pass radionuclide angiography and equilibrium radionuclide ventriculography in the diagnosis of coronary artery disease. I. Results at rest 115
Kneussl, M., s. Fridrich, L., et al. S 24
Knopp, R., s. Reske, S.N., et al. S 27
Kobayashi, T., s. Wakasugi, S., et al. 369
Kohno, H., s. Suzuki, T., et al. 47
Kojima, S., Jay, M.: Application of lectins to tumor imaging radiopharmaceuticals 385
Kojima, S., s. Sasaki, T. 182
Koskinen, M., Pöyhönen, L., Seppänen, S.: Thallium-201 washout in coronary artery disease using spect – a comparison with coronary angiography 609
Kotzerke, J., s. Schwarzrock, R., et al. 346
Kozenitzky, I., Oren, V.: Radionuclide angiography after occlusion of abdominal aorta – early hepatic activity and collateral supply 576
Kozlowski, J., s. Campbell, S., et al. 219
Krishna, B.A., s. Ramamoorthy, N., et al. 623
Kubodera, A., s. Suzuki, T., et al. 47
Kulbertus, H., s. Rigo, P., et al. S 59
Kumar, B., s. Wahl, R.L., et al. 5
Kusakabe, K., s. Hosoba, M., et al. 53
Kusumi, Y., s. Nakamura, M., et al. 503
Lahiri, A., s. Rodrigues, E.A., et al. 617
Laming, P.J., s. Underwood, S.R., et al. 529
Lamotte, D., s. Rigo, P., et al. S 59
Landsheere, C. de, s. Rigo, P., et al. S 59
Langevelde, A. van, Bakker, C.N.M., Boer, H., Ilmer, T.A.M., Journée-de Korver, J.A., Kaspersen, F.M., Noach, E.L., Oosterhuis, J.A., Pauwels, E.K.J.: Potential radiopharmaceuticals for the detection of ocular melanoma. Part II. Iodoquinoline derivatives and ^{67}Ga-citrate 96
Lantto, T., s. Vorne, M., et al. 296
Larsen, S., s. Thomsen, H.S., et al. 473
Laufer, P., s. Moerlein, S.M., et al. 211
Laughlin, J.S., s. Conti, P.S., et al. 353
Launes, J., s. Liewendahl, K., et al. 359
Laurens, M.H., s. Brunotte, F., et al. 468
Le Moing, G., s. Maurel, G., et al. 553
Lecklitner, M.L., Douglas, K.P.: Osteoscintigraphy and brachydactylia of the hand 436
Lefebvre, B., s. Lette, J., et al. 240
Lehtonen, T., s. Lindell, O., et al. 80
Lemaire, C., s. Rigo, P., et al. S 59
Lenzhofer, R., Dudczak, R.: Indication of doxorubicin cardiotoxicity by impairment of ^{131}I-pIPPA utilization S 32
Leppo, J.A., s. Bianco, J.A., et al. 120
Lerch, R.: Effect of impaired fatty acid oxidation on myocardial kinetics of ^{11}C- and ^{125}I-labelled fatty acids S 36
Lette, J., Douesnard, J.M., Léveillé, J., Ouaknine, G., Marchand, L., Lefebvre, B., Taillefer, R.: A reproducible radionuclide procedure for measurement of cerebrospinal fluid shunt flow 240
Léveillé, J., s. Lette, J., et al. 240
Levy, R., s. Haseman, M.K., et al. 455
Lieber, A., s. DeLand, F.H., et al. 429
Liewendahl, K., Kairento, A.-L., Pyrhönen, S., Franssila, K., Asko-Seljavaara, S., Lindroth, L., Virkkunen, P., Launes, J.: Localization of melanoma with radiolabelled monoclonal antibody fragments and iodoamphetamine 359
Lima, J.J.P. de, Rafael, J.A., Botelho, M.F.: Dynamic imaging of the compliant perfusion of the lungs 258
Lindegaard, K.-F., s. Winderen Lindegaard, M., et al. 417
Lindell, O., Kivisaari, A., Lehtonen, T.: ^{99m}Tc-DTPA and ^{99m}Tc-DMSA renal gamma imaging in the surveillance of patients with conduit urinary diversion 80
Lindroth, L., s. Liewendahl, K., et al. 359
Links, J.M., s. Douglass, K.H., et al. 602
Lipp-Zwahlen, A.E., Magestretti, J., Thompson, J., Titcomb, P., Treves, S.: A 133-xenon inhalation system for cerebral blood-flow measurements in ventilated premature babies 27
Lister-James, J., s. Campbell, S., et al. 219
Lister-James, J., s. Sia, S.T.B., et al. 333
Litton, J.-E., s. Stone-Elander, S., et al. 236
Livni, E., s. Bianco, J.A., et al. 120
Løkkegaard, H., s. Thomsen, H.S., et al. 110
Løkkegaard, H., s. Thomsen, H.S., et al. 473
Lockshin, A., Stehlin, J.S.: Improved tumor localization of ^{111}In labelled monoclonal antibody with chelator administration to host nude mice 573
Loeb, H.S., s. Ackerman, L., et al. 201
Lomas, F.E., s. Hanna, R.W. 159

Lomeña, F., s. Abello, R., et al. 306
Lórenz, W.J., s. Elfner, R., et al. 231
Lösse, B., s. Schwartzkopff, B., et al. S 34
Lukman, B., s. Carlsen, O., et al. 205
Lunghi, F., s. Aprile, C., et al. 37
Lyons, N.R., s. Smart, R.C., et al. 9
Machulla, H.J., s. Reske, S.N., et al. S 27
Magestretti, J., s. Lipp-Zwahlen, A.E., et al. 27
Maier-Borst, W., s. Schuhmacher, J., et al. 397
Maini, C.L., Incalzi, R.A., Bonetti, M.G., Valle, G.: Correlation of functional parameters derived by equilibrium radionuclide angiocardiography and left ventricular size in patients with old myocardial infarction 60
Makin, G.S., s. Earnshaw, J.J., et al. 443
Mani, R.S., s. Ramamoorthy, N., et al. 623
Mann, N., s. Evans, I., et al. 620
Marcassa, C., s. Parodi, O., et al. S 51
Marchand, L., s. Lette, J., et al. 240
Marcon, F., s. Brunotte, F., et al. 468
Mařiková, E., s. Šámal, M., et al. 280
Marquiotti, M., s. Rocha, A.F.G. da, et al. 91
Martin, R.H., s. Jackson, S.A., et al. 86
Marzullo, P., s. Parodi, O., et al. S 51
Mas, J., s. Bidet, A.C., et al. 357
Maseri, A., s. Camici, P., et al. S 49
Masuda, Y., s. Yoshida, K., et al. 226
Matsuzawa, T., s. Abe, Y., et al. 325
Matsuzawa, T., s. Yanai, K., et al. 141
Matys, R., s. Schuhmacher, J., et al. 397
Matzku, S., Schuhmacher, J., Kirchgeßner, H., Brüggen, J.: Labeling of monoclonal antibodies with a ^{67}Ga-phenolic aminocarboxylic acid chelate. Part II. Comparison of immunoreactivity and biodistribution of monoclonal antibodies labeled with the ^{67}Ga-chelate or with ^{131}I 405
Matzku, S., s. Schuhmacher, J., et al. 397
Maurel, G., Le Moing, G., Mensch, B.: Single isotopic probe for gastro-esophageal reflux diagnosis in children 553
McCall, M.J., s. Haseman, M.K., et al. 455
McEwan, A.J., s. Blake, G.M., et al. 447
McGuire, L., s. Balachandran, S., et al. 69
McKusick, K., s. Sia, S.T.B., et al. 333
McNair, P., s. Hyldstrup, L., et al. 581
McNair, P., s. Hyldstrup, L., et al. 585
Meares, C.F., s. Haseman, M.K., et al. 455
Meignan, M., s. Wirquin, E., et al. 274
Mensch, B., s. Maurel, G., et al. 553
Meyer, H., Vyska, K., Bourgeois, M., Reinhardt, D., Feinendegen, L.E.: A new radiographic method for cardiac output and cardiac shunt determination in vivo 421
Michalová, K., s. Šámal, M., et al. 280
Mihara, F., Nakayama, C., Nakata, H., Sakakibara, N., Zeze, F., Kitahara, J., Sanefuji, H.: ^{99m}Tc-methylene diphosphonate uptake by ossifications and calcifications of non-osseous metastatic tumors 413
Milhaud, G., s. Coutris, G., et al. 77
Miller, C., s. Gedroyc, W.M., et al. 480
Miller, T.R., s. Wahl, R.L., et al. 5
Milleret, P., s. Bidet, A.C., et al. 357
Mitta, A., s. Sia, S.T.B., et al. 333
Moerlein, S.M., Laufer, P., Stöcklin, G., Pawlik, G., Wienhard, K., Heiss, W.-D.: Evaluation of ^{75}Br-labelled butyrophenone neuroleptics for imaging cerebral dopaminergic receptor areas using positron emission tomography 211
Mogensen, T., s. Thomsen, K., et al. 342
Mohamed, M.M., s. Ziada, G., et al. 592
Mohammed, M., s. Bahar, R.H., et al. 542
Moonen, P., s. Visser, G.W.M., et al. 137
Moore, R.H., s. Ruddy, T.D., et al. 533
Moreno, A.J., Parker, A.L., Fredericks, P., Turnbull, G.L.: Pectus excavatum defect on liver-spleen scintigraphy 309
Moretti, J.-L., s. Sia, S.T.B., et al. 333
Mori, H., s. Ando, A., et al. 567
Moring, A., s. Bianco, J.A., et al. 120
Morris, J.G., s. Walker, K.Z., et al. 461
Mortelmans, L., Nuyts, J., Van Pamel, G., Van den Maegdenbergh, V., De Roo, M., Suetens, P.: A new thresholding method for volume determination by SPECT 284
Mosher, D.F., s. Perlman, S.B., et al. 492
Mulder, N.H., s. Bolster, J.M., et al. 321
Müller-Suur, C., s. Müller-Suur, R. 438
Müller-Suur, R., Müller-Suur, C.: Renal and extrarenal handling of a new imaging compound (99m-Tc-MAG-3) in the rat 438
Munck, O., s. Nielsen, S.L., et al. 629
Munck, O., s. Thomsen, H.S., et al. 110
Najean, Y., Pommier, Y., Deschryver, F., Chomienne, C.: Kinetics of indium-oxine labelled red cells in haemolytic anaemias 379
Nakamura, M., Kimura, K., Etani, H., Isaka, Y., Uehara, A., Hashikawa, K., Yoneda, S., Kamada, T., Nakamura, Y., Kusumi, Y.: A gamma camera system for atraumatic rCBF measurement using a new super high sensitivity collimator 503
Nakamura, Y., s. Nakamura, M., et al. 503
Nakano, S., s. Wakasugi, S., et al. 369
Nakata, H., s. Mihara, F., et al. 413
Nakayama, C., s. Mihara, F., et al. 413
Narabayashi, I., Suematsu, T., Suematsu, C.: Assessment of SPECT ventilation-perfusion imaging in patients with lung cancer 329
Nathan, E., s. Carlsen, O., et al. 205
Nedelman, M.A., s. Ruddy, T.D., et al. 533
New COST project in the field of nuclear medicine software 1
Newell, J.B., s. Ruddy, T.D., et al. 533
Nicola, G., s. Spreafico, G., et al. 557
Nielsen, S.L., Hvid-Jacobsen, K., Thomsen, H.S., Munck, O.: Renal washout and vascular resistances 629
Nielsen, S.L., s. Thomsen, H.S., et al. 473
Nilas, L., s. Thomsen, K., et al. 342
Nilsson, J., s. Edenbrandt, C.M., et al. 197
Nitta, K., s. Ando, A., et al. 560
Noach, E.L., s. Langevelde, A. van, et al. 96
Nordlinger, B., s. Talbot, J.N., et al. 304
Notohamiprodjo, G., s. Herzog, H., et al. 263
Nuyts, J., s. Mortelmans, L., et al. 284
O'Connor Allen, M., s. Bettin, K., et al. 277
Odlum, C., s. Duffy, G.J., et al. 187
Ogawa, H., s. Ando, A., et al. 560
Ogris, E., s. Sochor, H., et al. S 1
Ohkubo, Y., s. Suzuki, T., et al. 47
Ohlin, P., s. Edenbrandt, C.M., et al. 197
Okada, R.D., s. Ruddy, T.D., et al. 533
Ollivier, J.-P., s. Bureau, J.F., et al. 613
O'Mara, R.E., s. Owunwanne, A., et al. 496
Oosterhuis, J.A., s. Langevelde, A. van, et al. 96
Oren, V., s. Kozenitzky, I. 576
Ormerod, O.J.M., Barber, R.W., Stone, D.L., Wraight, E.P., Petch, M.C.: A comparison of radionuclide methods of evaluating aortic regurgitation with observations on the effect of exercise and symptoms 72
Oton-Sanchez, C., s. Allende-Riera, A., et al. 482
Ouaknine, G., s. Lette, J., et al. 240
Owen, B.A., s. Ambrose, K.R., et al. 486
Owunwanne, A., Weber, D.A., Spar, I.L., Wilson, G.A., O'Mara, R.E.: Technetium Tc 99m plasmin in the diagnosis of inflammatory disease 496
Paans, A.M.J., s. Bolster, J.M., et al. 321
Pachinger, O., s. Sochor, H., et al. S 1
Pacold, I., s. Ackerman, L., et al. 201
Pandey, P.M., s. Ramamoorthy, N., et al. 623
Papouchado, M., s. Stoddart, P.G.P., et al. 525
Papouchado, M., s. Stoddart, P.G.P., et al. 605
Park, C.H., s. Yoo, H.S., et al. 252
Parker, A.L., s. Moreno, A.J., et al. 309
Parodi, O., Marzullo, P., Marcassa, C., Sambuceti, G.: Character-

ization of non-Q wave infarction by radioisotopic methods S 51
Patel, M.C., s. Ramamoorthy, N., et al. 623
Patel, R.B., s. Ramamoorthy, N., et al. 623
Pauwels, E.K.J., s. Bakker, H.M. de, et al. 477
Pauwels, E.K.J., s. Langevelde, A. van, et al. 96
Pawlik, G., s. Moerlein, S.M., et al. 211
Pedley, R., s. Buckley, R.G., et al. 394
Peltier, P., Chatal, J.-F.: ^{99m}Tc-DTPA and ^{99m}Tc-rhenium sulfur aerosol compared as adjuncts to perfusion scintigraphy in patients with suspected pulmonary embolism 254
Percival, R.C., s. Blake, G.M., et al. 31
Perez-Balino, N., s. Sia, S.T.B., et al. 333
Perkins, A.C., s. Andrew, S.M., et al. 168
Perkins, A.C., s. Pimm, M.V., et al. 515
Perlman, S.B., Folts, J.D., Hammes, R.J., Besozzi, M.C., Mosher, D.F.: The accumulation of a platelet protein, thrombospondin, at the site of arterial thrombus formation. Preliminary report 492
Pernot, C., s. Brunotte, F., et al. 468
Petch, M.C., s. Ormerod, O.J.M., et al. 72
Peters, J.M., s. Rigo, P., et al. S 59
Phelps, M.E., s. Sochor, H., et al. S 66
Piers, D.A., s. Bolster, J.M., et al. 321
Pillay, M., Shapiro, B., Cox, P.H.: The effect of an alloy filter on gamma camera images 293
Pillay, M., s. Shapiro, B., et al. 522
Pimm, M.V., Perkins, A.C., Baldwin, R.W.: Diverse characteristics of ^{111}In labelled anti-CEA monoclonal antibodies for tumour immunoscintigraphy: Radiolabelling, biodistribution and imaging studies in mice with human tumour xenografts 515
Pimm, M.V., s. Andrew, S.M., et al. 168
Plaza, V., s. Abello, R., et al. 306
Pommier, Y., s. Najean, Y., et al. 379
Pöyhönen, L., s. Koskinen, M., et al. 609
Pretschner, D.P.: The current situation, aspects, and projects concerning nuclear medicine software in Europe 2
Prince, J.R.: Surrogate modeling of the effect of object motion on image degradation in radioscintigrahy 375
Pyrhönen, S., s. Liewendahl, K., et al. 359
Quaglia, L., s. Rigo, P., et al. S 59
Raets, D., s. Rigo, P., et al. S 59
Rafael, J.A., s. Lima, J.J.P. de, et al. 258
Raftery, E.B., s. Rodrigues, E.A., et al. 617
Ram, M.D., s. DeLand, F.H., et al. 429
Ramamoorthy, N., Shetye, S.V., Pandey, P.M., Mani, R.S., Patel, M.C., Patel, R.B., Ramanathan, P., Krishna, B.A., Sharma, S.M.: Preparation and evaluation of ^{99m}Tc(V)-DMSA complex: Studies in medullary carcinoma of thyroid 623
Ramanathan, P., s. Ramamoorthy, N., et al. 623
Ramasubramanian, R., s. Basran, G.S., et al. 381
Reding, P., s. Urbain, D., et al. 267
Redote, R., s. Zicot, M., et al. 192
Reich, E., s. Hammermaier, A., et al. 41
Reid, R.W., s. Ackerman, L., et al. 201
Reinhardt, D., s. Meyer, H., et al. 421
Reske, S.N., Schön, S., Schmitt, W., Machulla, H.J., Knopp, R., Winkler, C.: Effect of myocardial perfusion and metabolic interventions on cardiac kinetics of phenylpentadecanoic acid (IPPA) I 123 S 27
Reynolds, J.R., s. Hardy, J.G., et al. 176
Richardson, R.B., Davis, A.G., Bourne, S.P., Staddon, G.E., Jones, D.H., Kemshead, J.T., Coakham, H.B.: Radioimmunolocalisation of human brain tumours: Biodistribution of radiolabelled monoclonal antibody UJ13A 313
Rigo, P., Landsheere, C. de, Raets, D., Delfiore, G., Quaglia, L., Lemaire, C., Peters, J.M., Guillaume, M., Lamotte, D., Kulbertus, H.: Myocardial blood flow and glucose uptake after myocardial infarction S 59
Rigo, P., s. Sia, S.T.B., et al. 333
Ring, P., s. Hyldstrup, L., et al. 581
Ring, P., s. Hyldstrup, L., et al. 585
Ringe, B., s. Schwarzrock, R., et al. 346
Robert, J., s. Anghileri, L.J., et al. 179
Robert, J., s. Brunotte, F., et al. 468
Rocha, A.F.G. da, Zuccaro, A.M., Marquiotti, M.: Relationship between severity of clinical symptoms and delay in gastric emptying in chronic gastritis; studied with ^{99m}Tc-DTPA scintigraphy 91
Rodrigues, E.A., Lahiri, A., Hinge, D.A., Smith, T., Crawley, J.C.W., Raftery, E.B.: A new method of imaging the right ventricle using peripheral vein infusion of xenon 127 617
Roland, P., s. Stone-Elander, S., et al. 236
Roos, J.P., s. Funke Küpper, A.J., et al. 337
Roos, J.P., s. Visser, F.C., et al. S 20
Rosenberg, S., Itti, R., Benjelloun, L.: Symbolic reasoning about myocardial scintigrams in PROLOG 65
Ruddy, T.D., Yasuda, T., Barlai-Kovach, M., Nedelman, M.A., Moore, R.H., Alpert, N.M., Correia, J.A., Newell, J.B., Okada, R.D., Boucher, C.A., Strauss, H.W.: Measurement of both left ventricular function and regional myocardial perfusion with ^{133}Xe in dogs 533
Russell, C.D.: Estimation of glomerular filtration rate using ^{99m}Tc--DTPA and the gamma camera 548
Sahlström, K., s. Vorne, M., et al. 296
Sakakibara, N., s. Mihara, F., et al. 413
Sakki, S., s. Vorne, M., et al. 296
Sala, E., s. Spreafico, G., et al. 557
Salomonowitz, E., s. Fridrich, L., et al. S 24
Salvadeo, A., s. Aprile, C., et al. 37
Šámal, M., Sůrová, H., Kárný, M., Mařiková, E., Michalová, K., Dienstbier, Z.: Enhancement of physiological factors in factor analysis of dynamic studies 280
Sambuceti, G., s. Parodi, O., et al. S 51
Samra, D., s. Zwas, S.T., et al. 125
Samra, Y., s. Zwas, S.T., et al. 125
Samuels, L.D., s. Goodgold, H.M., et al. 271
Sanada, S., Ando, A., Ando, I., Hiraki, T., Hisada, K.: A single-strip mini-paper chromatographic method for rapid purity-control of ^{99m}Tc-labeled radiopharmaceuticals 390
Sanada, S., s. Ando, A., et al. 567
Sanefuji, H., s. Mihara, F., et al. 413
Saponaro, R., s. Aprile, C., et al. 37
Sasaki, M., s. Kida, T., et al. 151
Sasaki, T., Kojima, S.: ^{67}Ga uptake and heparan sulfate content of Ehrlich solid tumor in mice 182
Sato, T., s. Abe, Y., et al. 325
Schelbert, H.R.: Assessment of myocardial metabolism by PET – a sophisticated dream or clinical reality? S 70
Schelbert, H.R.: Features of positron emission tomography as a probe for myocardial chemistry S 2
Schelbert, H.R., s. Sochor, H., et al. S 66
Schmall, B., s. Conti, P.S., et al. 353
Schmitt, W., s. Reske, S.N., et al. S 27
Schmoliner, R., s. Dudczak, R., et al. S 45
Schön, H.R.: I-123 heptadecanoic acid – value and limitations in comparison with C-11 palmitate S 16
Schön, S., s. Reske, S.N., et al. S 27
Schuhmacher, J., Matys, R., Hauser, H., Maier-Borst, W., Matzku, S.: Labeling of monoclonal antibodies with a ^{67}Ga-phenolic aminocarboxylic acid chelate. Part I. Chemistry and labeling technique 397
Schuhmacher, J., s. Matzku, S., et al. 405
Schwaiger, M.: Metabolism and blood flow as new markers of myocardial viability in the evolution of myocardial infarction S 62
Schwaiger, M.: Time course of metabolic findings in coronary occlusion and reperfusion and their role for assessing myocardial salvage S 54
Schwaiger, M., s. Sochor, H., et al. S 66
Schwartzkopff, B., Szabó, Z., Lösse, B., Vosberg, H.: Effect of stress on the myocardial kinetics of T-butylisonitrile-technetium (Tc-99m-TBI) S 34

Schwartzkopff, B., s. Sia, S.T.B., et al. 333
Schwarzrock, R., Kotzerke, J., Hundeshagen, H., Böcker, K., Ringe, B.: ^{99m}Tc-Diethyl-iodo-HIDA (JODIDA): A new hepatobiliary agent in clinical comparison with ^{99m}Tc-diisopropyl-HIDA (DISIDA) in jaundiced patients 346
Searle, F., s. Buckley, R.G., et al. 394
Seed, W.A., s. Vernon, P., et al. 16
Seppänen, S., s. Koskinen, M., et al. 609
Setoain, J., s. Abello, R., et al. 306
Seymour-Munn, K., s. Walker, K.Z., et al. 461
Shafer, R., s. Bettin, K., et al. 277
Shapiro, B., Pillay, M., Cox, P.H.: Dosimetric consequences of interstitial extravasation following IV administration of a radiopharmaceutical 522
Shapiro, B., s. Pillay, M., et al. 293
Sharma, S.M., s. Ramamoorthy, N., et al. 623
Shetye, S.V., s. Ramamoorthy, N., et al. 623
Shibata, N., s. Wakasugi, S., et al. 369
Shih, W.-J., Domstad, P.A., DeLand, F.H., Beihn, R., Stipp, V.: Cholescintigraphy in the detection of cholelithiasis: A review of 23 cases and a case report demonstrating the sequential evolution of the appearance of the gallbladder defect 299
Shukuya, M., s. Yoshida, K., et al. 226
Sia, S.T.B., Holman, B.L., McKusick, K., Rigo, P., Gillis, F., Sporn, V., Perez-Balino, N., Mitta, A., Vosberg, H., Szabo, Z., Schwartzkopff, B., Moretti, J.-L., Davison, A., Lister-James, J., Jones, A.: The utilization of Tc-99m-TBI as a myocardial perfusion agent in exercise studies: Comparison with Tl-201 thallous chloride and examination of its biodistribution in humans 333
Sibber, G.R., s. Zwas, S.T., et al. 125
Siddiqui, A.R., s. Buck, R.T. 51
Siddiqui, A.R., s. Cory, D.A., et al. 546
Simo, M., s. Bahar, R.H., et al. 542
Sinzinger, H., Bergmann, H., Kaliman, J., Angelberger, P.: Imaging of human atherosclerotic lesions using ^{123}I-low-density lipoprotein 291
Sinzinger, H., Strobl-Jäger, E., Höfer, R.: Autologous platelet labelling using "Monovette" vials is not septic 471
Skretting, A., s. Winderen Lindegaard, M., et al. 417
Smart, R.C., Burke, J.J., Lyons, N.R.: Thallium circumferential profiles in the detection of coronary artery disease – assessment by receiver operating characteristic cruve analysis 9
Smith, T., s. Rodrigues, E.A., et al. 617
Sobel, A., s. Wirquin, E., et al. 274
Sochor, H., Ogris, E., Pachinger, O., Kaindl, F.: Myocardial metabolism – a new dimension in cardiac imaging? S 1
Sochor, H., Schelbert, H.R., Schwaiger, M., Henze, E., Phelps, M.E.: Studies of fatty acid metabolism with positron emission tomography in patients with cardiomyopathy S 66
Sola, J.F., s. Abello, R., et al. 306
Sole, M., s. Abello, R., et al. 306
Solerte, S.B., s. Aprile, C., et al. 37
Sommer, G., s. Fridrich, L., et al. S 24
Sommer, G., s. Fridrich, L., et al. 363
Sordillo, P.P., s. Conti, P.S., et al. 353
Spar, I.L., s. Owunwanne, A., et al. 496
Spinks, T., s. Camici, P., et al. S 49
Spohr, G., s. Herzog, H., et al. 263
Sporn, V., s. Sia, S.T.B., et al. 333
Spreafico, G., Cammelli, F., Gadola, G., Nicola, G., Zancaner, F., Tonnarelli, G., Sala, E., Freschi, R.: Initial experience with SPECT of the brain using ^{99m}Tc-hexamethyl-propyleneamine oxime (^{99m}Tc-HM-PAO) 557
Staddon, G.E., s. Richardson, R.B., et al. 313
Stehlin, J.S., s. Lockshin, A. 573
Stipp, V., s. Shih, W.-J., et al. 299
Stöcklin, G., s. Moerlein, S.M., et al. 211
Stoddart, P.G.P., Papouchado, M., Vann Jones, J., Wilde, P.: Assessment of percutaneous transluminal coronary angioplasty with ^{123}IODO-heptadecanoic acid 605
Stoddart, P.G.P., Papouchado, M., Wilde, P.: Prognostic value of 123-IODO-heptadecanoic acid imaging in patients with acute myocardial infarction 525
Stone, D.L., s. Ormerod, O.J.M., et al. 72
Stone-Elander, S., Roland, P., Eriksson, L., Litton, J.-E., Johnström, P., Widén, L.: The preparation of ^{11}C-labelled fluoromethane for the study of regional cerebral blood flow using positron emission tomography 236
Strauss, H.W., s. Bianco, J.A., et al. 120
Strauss, H.W., s. Ruddy, T.D., et al. 533
Straussberg, R., s. Garty, I., et al. 589
Strobl-Jäger, E., s. Sinzinger, H., et al. 471
Suematsu, C., s. Narabayashi, I., et al. 329
Suematsu, T., s. Narabayashi, I., et al. 329
Suetens, P., s. Mortelmans, L., et al. 284
Suhali, A.R., s. Bahar, R.H., et al. 542
Sůrová, H., s. Šámal, M., et al. 280
Suzuki, T., Abiko, M., Kohno, H., Ohkubo, Y., Kubodera, A.: Studies on the ^{67}Ga uptake mechanism by Ehrlich ascites tumor cells 47
Swanton, R.H., s. Underwood, S.R., et al. 529
Swayne, L.C., Dolgin, C., Kabnick, L.S., Filippone, A.: Indium-111 leukocyte accumulation in intramuscular injection sites 302
Szabo, Z., s. Sia, S.T.B., et al. 333
Szabó, Z., s. Schwartzkopff, B., et al. S 34
Taillefer, R., s. Lette, J., et al. 240
Takahashi, T., s. Yanai, K., et al. 141
Talbot, J.N., Duron, F., Kiffel, T., Nordlinger, B.: Association of parathyroid adenoma and autonomous nodule of the thyroid. Diagnostic efficacy of ^{201}thallium-^{99m}technetium scintigraphy 304
Talbot, J.N., s. Coutris, G., et al. 77
Tateno, Y., s. Yoshida, K., et al. 226
Taylor, A. Jr., Eshima, D., Alazraki, N.: ^{99m}Tc-MAG$_3$, a new renal imaging agent: Preliminary results in patients 510
Tengborn, L., s. Edenbrandt, C.M., et al. 197
The, T.H., s. Woude, F.J. van der, et al. 130
Thirumurthi, K., s. Duffy, G.J., et al. 187
Thompson, J., s. Lipp-Zwahlen, A.E., et al. 27
Thomsen, H.S., Munck, O., Løkkegaard, H.: 90-minute ^{99m}Tc-MDP scintigraphy and ^{131}I-hippuran renography in recently allotransplanted kidneys: Evaluation of renal ischemia 110
Thomsen, H.S., Nielsen, S.L., Larsen, S., Løkkegaard, H.: Renography and biopsy-verified acute rejection in renal allotransplanted patients receiving cyclosporin A 473
Thomsen, H.S., s. Nielsen, S.L., et al. 629
Thomsen, K., Nilas, L., Mogensen, T., Christiansen, C.: Determination of bone turnover by urinary excretion of ^{99m}Tc-MDP 342
Thouvenot, P., s. Anghileri, L.J., et al. 179
Thys, O., s. Urbain, D., et al. 267
Tiedjen, K.U., s. Hildman, H., et al. 147
Tillmanns, H., s. Elfner, R., et al. 231
Titcomb, P., s. Lipp-Zwahlen, A.E., et al. 27
Tonami, N., s. Ando, A., et al. 560
Tonami, N., s. Ando, A., et al. 567
Tonnarelli, G., s. Spreafico, G., et al. 557
Tow, D.E., s. Edeburn, G.F., et al. 578
Treves, S., s. Lipp-Zwahlen, A.E., et al. 27
Tsubokawa, T., s. Tsukiyama, T., et al. 244
Tsukiyama, T., Hara, T., Iio, M., Kido, G., Tsubokawa, T.: Preferential accumulation of ^{11}C in human brain tumors after intravenous injection of ^{11}C-1-pyruvate 244
Turnbull, G.L., s. Moreno, A.J., et al. 309
Uehara, A., s. Nakamura, M., et al. 503
Underwood, S.R., Campos Costa, D., Walton, S., Laming, P.J., Ell, P.J., Emanuel, R.W., Swanton, R.H.: Stress induced right ventricular dysfunction: An indication of reversible right ventricular ischaemia 529
Urbain, D., Reding, P., Georges, B., Thys, O., Ham, H.R.: The

clinical value of ^{201}Tl per rectum scintigraphy in the work-up of patients with alcoholic liver disease 267
Vaalburg, W., s. Bolster, J.M., et al. 321
Vähätalo, S., s. Vorne, M., et al. 296
Vaknine, R., s. Elfner, R., et al. 231
Valle, G., s. Maini, C.L., et al. 60
Van den Maegdenbergh, V., s. Mortelmans, L., et al. 284
Vann Jones, J., s. Stoddart, P.G.P., et al. 605
Van Pamel, G., s. Mortelmans, L., et al. 284
Verdeguer, A., s. Caballero, O., et al. 351
Verheugt, F.W.A., s. Funke Küpper, A.J., et al. 337
Vernon, P., Burton, G.H., Seed, W.A.: Lung scan abnormalities in asthma and their correlation with lung function 16
Villa, G., s. Aprile, C., et al. 37
Virkkunen, P., s. Liewendahl, K., et al. 359
Visser, F.C., Eenige, M.J. van, Duwel, C.M.B., Roos, J.P.: Radioiodinated free fatty acids; can we measure myocardial metabolism? S 20
Visser, G.W.M., Zwaagstra, O., Gorree, G.C.M., Moonen, P., Herscheid, J.D.M., Hoekstra, A.: Synthesis and tumour-localizing properties of [^{18}F]-5-fluorocytosine-arabinoside and [^{18}F]-5-fluorocyclocytidine 137
Vorne, M., Lantto, T., Sahlström, K., Sakki, S., Vähätalo, S.: Better visualization of a lung tumour with ^{99m}Tc-DPD than with ^{99m}Tc-glucoheptonate or ^{67}Ga-citrate 296
Vosberg, H., s. Schwartzkopff, B., et al. S 34
Vosberg, H., s. Sia, S.T.B., et al. 333
Vyska, K., s. Meyer, H., et al. 421
Wagner, H.N. Jr., s. Douglass, K.H., et al. 602
Wahl, R.L.: Gastric xenon trapping mimicking COPD: Recognition using an effervescent agent 155
Wahl, R.L., Kumar, B., Biello, D.R., Miller, T.R.: The (F)utility of the thallium-201 quantitative lung/myocardial ratio in the detection of coronary artery disease 5
Wakasugi, S., Shibata, N., Kobayashi, T., Fudemoto, Y., Hasegawa, Y., Nakano, S.: Specific perfusion pattern in stress ^{201}Tl myocardial scintigraphy of left main coronary artery disease 369
Walker, K.Z., Seymour-Munn, K., Keech, F.K., Axiak, S.M., Bautovich, G.J., Morris, J.G., Basten, A.: A rat model system for radioimmunodetection of kappa myeloma antigen on malignant B cells 461
Wall, E.E. van der: Myocardial imaging with radiolabeled free fatty acids: Applications and limitations S 11
Wall, E.E. van der, s. Funke Küpper, A.J., et al. 337
Walton, S., s. Underwood, S.R., et al. 529
Wani, H., s. Hosoba, M., et al. 53
Watner, K., s. Winderen Lindegaard, M., et al. 417
Weber, D.A., s. Owunwanne, A., et al. 496
Wensel, T.G., s. Haseman, M.K., et al. 455
Widén, L., s. Stone-Elander, S., et al. 236
Wienhard, K., s. Moerlein, S.M., et al. 211
Wilde, P., s. Stoddart, P.G.P., et al. 525
Wilde, P., s. Stoddart, P.G.P., et al. 605
Wilson, G.A., s. Owunwanne, A., et al. 496
Winderen Lindegaard, M., Skretting, A., Hager, B., Watner, K., Lindegaard, K.-F.: Cerebral and cerebellar uptake of ^{99m}Tc-(d,1)-hexamethyl-propyleneamine oxime (HM-PAO) in patients with brain tumor studied by single photon emission computerized tomography 417
Winkler, C., s. Reske, S.N., et al. S 27
Wirquin, E., Bruneau, C., Meignan, M., Cinotti, L., Sobel, A.: Imaging and assessment of regional clearances of indium-111 labelled circulating immune complexes in humans 274
Woldring, M.G., s. Bolster, J.M., et al. 321
Wong, D.F., s. Douglass, K.H., et al. 602
Woo, S.P., s. Basran, G.S., et al. 381
Wood, E., s. Hardy, J.G., et al. 176
Woude, F.J. van der, Beekhuis, H., Beelen, J.M., The, T.H.: Kinetic analysis of the blood clearance and organ uptake curves of IgG-coated red cells in HLA-typed controls and patients with Wegener's granulomatosis 130
Wraight, E.P., s. Ormerod, O.J.M., et al. 72
Wynberg, H., s. Bolster, J.M., et al. 321
Yamada, K., s. Abe, Y., et al. 325
Yamaguchi, K., s. Abe, Y., et al. 325
Yamasaki, T., s. Yoshida, K., et al. 226
Yanai, K., Ido, T., Ishiwata, K., Hatazawa, J., Takahashi, T., Iwata, R., Matsuzawa, T.: In vivo kinetics and displacement study of a carbon-11-labeled hallucinogen, N,N-[^{11}C]dimethyltryptamine 141
Yasuda, T., s. Ruddy, T.D., et al. 533
Yokoi, F., s. Hara, T. 249
Yokoi, F., s. Hara, T., et al. 21
Yoneda, S., s. Nakamura, M., et al. 503
Yoo, H.S., Intenzo, C.M., Park, C.H.: Unresolved major pulmonary embolism: Importance of follow-up lung scan in diagnosis 252
Yoshida, K., Himi, T., Shukuya, M., Masuda, Y., Inagaki, Y., Endo, M., Fukuda, N., Yamasaki, T., Iinuma, T., Tateno, Y.: Fast dynamic study in cardiac positron CT using ^{13}N-ammonia in man 226
Yousof, A.M., s. Ziada, G., et al. 592
Zancaner, F., s. Spreafico, G., et al. 557
Zeze, F., s. Mihara, F., et al. 413
Ziada, G., Mohamed, M.M., Hayat, N., Yousof, A.M., Abdel-Dayem, H.M., Bahar, R., Higazy, E.: Quantitative analysis of cardiac function: Comparison of electro-cardiogramm dual gated single photon emission tomography, planar radionuclide ventriculogram and contrast ventriculography in the determination of LV volume and ejection fraction 592
Ziada, G., s. Bahar, R.H., et al. 542
Zicot, M., Guillaume, M., Ham, H., Redote, R.: Dynamic isotopic phlebography using soluble krypton-81m 192
Zijlstra, J.B., s. Bolster, J.M., et al. 321
Zivanovic, M.A., s. Blake, G.M., et al. 447
Zuccaro, A.M., s. Rocha, A.F.G. da, et al. 91
Zwaagstra, O., s. Visser, G.W.M., et al. 137
Zwas, S.T., Samra, D., Samra, Y., Sibber, G.R.: Scintigraphic assessment of ectopic splenic tissue localization and function following splenectomy for trauma 125

Announcements 106, 217, 472, 524, 580
Book reviews 105, 631

Subject index

A

Abdominal 576
Acetylhypofluorite 137
Acute rejection 473
Analysis 592
Animal study 147
Anti CEA 515
Antibodies 429
Antibodies, monoclonal 313
Antibody fragments 168
Aorta 576
Aortic regurgitation 72
Aorto-coronary bypass grafting S24
Arterial mural thrombus 629
Artificial intelligence 65
Assessment of radiotherapeutic effects 325
Atherogenesis 291
Atraumatic rCBF measurement 503
Autologous 379
Autonomous thyroid adenoma 304
Autoradiography 147

B

Bacterial radioisotope tracer 277
B-cell lymphoma 455
Beta-adrenoceptor agonist 381
Biochemistry S70
Biodistribution 405
Blastoma 546
Blood supply 576
Bone disease 585
Bone formation 581, 585
Bone grafts 147
Bone metabolism 342
Bone scan 436
Bone scintigraphs 482
Bone scintigraphy 306
Brachydactylia 436
Brain neoplasms 313
Brain tumor 244, 417, 557
Brombenperidol 211
Bromospiperone 211
Bromperidol 211
Broncheolar permeability 254
Broncho-alveolar lavage 187
^{75}Br 211
Butterworth filtering 53
Butyrophenone neuroleptic 211

C

^{11}C-AIB 353
Calcium transport 179
Calcium 45 47
Carbodiimide coupling 397
Cardiac function 592
Cardiac left to right shunting volumes 421
Cardiac metabolism S20
Cardiac output measurements 421
Cardiac positron CT 226
Cardiomyopathy S66
Cardiotoxicity S32
[^{11}C]Dimethyltryptamine 141
Cell permeability 179
Cerebral blood flow 27, 236, 557
Cerebral dopaminergic receptors 211
Cerebrospinal fluid flow 240
Cerebrospinal shunt 240
Children 205
Chlorpromazine 47
Cholelithiasis 299
Cholesintigraphy 299
Chondrosarcoma 306
Chrom 581
Chronic gastritis 91
Chronic heart disease S11
Chronic obstructive lung disease 155
^{11}C-labelled fluoromethane 236
Clinical symptoms 91
"Cold" nodules 51
Collimation 293
Colon 176
Composite filter 293
Computer analysis 9
Computer processing 602
Computer-scan analysis 16
Conduit urinary diversion 80
Contour detection 231
Contrast 293
Contrast ventriculography 592
Coronary angiography 609
Coronary artery disease 5, 9, S59, 115, 598
Coronary heart disease S34
COST 2
^{11}C-palmitate S16, S66
^{14}C-pyruvate 249
^{11}C-tyrosine 321
Cyclosporin A 473
Cyclotron 249
Cystic fibrosis 620
^{11}C-1-pyruvate 244

D

Data base 2
Deep venous thrombosis 197
Defect 309
Diagnosis of bone metastasis 482
Diphosphonate 342
Diphosphonates 581, 585
Dosimetry 522
Doxorubicin S32
Dual gated tomography 592
Dynamic imaging 258
Dynamic isotopic phlebography 192
Dynamic studies 280

E

ECG gating 258
Ectopic spleen scintigraphy 125
Edge detection 69
EDTA 573, 581
Effect of exercise and symptoms 72
Ehrlich ascites tumor cells 47
Ehrlich solid tumor 182
Ejection fraction 53, 69
Elimination behaviour S45
Emission computed 578
Emission-computed tomography 296
Encephalopathy 267
Enema 176
Enhancement 280
Equilibrium radionuclide angiocardiography at rest (rERNA) 60
Equilibrium radionuclide ventriculography 115, 598
ERPF 37
Erythrocytes 379
Exercise 598
Exercise radionuclide ventriculography 529
Exercise testing 5
Exercise thallium scintigraphy 613
Extraction ratio 438
Extrarenal clearance 438

F

Factor analysis 280
Fast dynamic study 226
Fat emulsion 201
Fatty acid S36
Fatty acid kinetics 263
Fatty acids 486
^{18}F-cytidines 137
^{18}F-deoxyglucose S62
^{18}F-fluorodeoxyglucose 325
Fibrinolytic activity in vessel wall 197
First pass radionuclide angiography 598
First-pass radionuclide angiography 115
First-pass ^{99m}Tc 365
Fourier analysis 69
Free fatty acid metabolism S16
Free fatty acids 201
Frequency analysis 375
Fully-automated contour detection 53
Function test 163
Fuzzy logic 65

G

Ga chelate 405
^{67}Ga-citrate 96, 296
^{67}Ga-imaging 311
Gallbladder defect 299
Gallium 67 47
^{67}Ga-lung scanning 187
Gamma camera 503
Gammagraphy 131-I-MIBG 351
Ganglioneuroma 351
Gastric emptying 91
Gastroesophageal reflux 553
Gated blood pool 602
Gated blood-pool image 53
^{67}Ga-uptake 179
^{67}Ga 182, 397, 560
Glioma 249
Glomerular filtration rate 548
Glucose and insulin infusion 120
Gradient centrifugation 107
Graft perfusion 629
Greene melanoma 137

H

Hand 436
Heart 271
Heart disease 542
Heat-damaged red blood cells 357
Heparan sulfate 182
Hepatic veins 578
Hepatobiliary scintigraphy 346
Hippuran renography 110
Hippurate 438
HLA 130
Homologous 379
Hydrocephalus 557

I

^{131}I labelling immunoscintigraphy 461
^{123}I-carotid artery 51
IgG-coated erythrocytes 130
^{123}I-HDA S24
^{131}I-heptadecanoic acid S20
^{131}I-hippuran renography 473
^{123}I-labeled heptadecanoic acid S16
^{123}I-low-density lipoprotein 291
Imaging lesions 291
^{131}I-MIBG 77
Immune complexes 274
Immunoreactivity 405
Immunoscintigraphy 359
^{111}In Oxine 379
Indirect radionuclide renocystography 205
Indium 271, 394
Indium labelling 274
Indium-111 302
Indium-111 oxine 277
Indium-111 platelet scintigraphy 337
Infant 553
Infarct prognosis 525
Inflammatory disease 496
Inflammatory lesion 560, 567
Inhalation system 27
^{111}In labelling 515
^{111}In-labeling 573
Interstitial injection 522
Intramuscular injection sites 302
Iodinated heptadecanoic acid 605
Iodoamphetamine 359
15-*p*-iodophenyl-*β*-methyl-pentadecanoic acid S45
Iodoquinolines 96
^{131}I-orthoiodohippurate 510
Ischemia 21
I-131 treatment 500
I-131-*p*-iodo-phenylpentadecanoic acid S32

J

Jaundice 346

K

Keratan polysulfate 560
Kidney 548
Kidney scan 37
Kidney transplant scintigraphy 477
Kidney transplantation 477, 480
Knowledge-based systems 2
Krypton 16
^{81m}Kr 192, 231

L

Labeled antibodies 397
Labelled monocytes 163
Lectins 385
Left main coronary artery disease 369
Left main pattern 369
Left ventricle 53
Left ventricular ejection fraction 201
Left ventricular failure 613
Left ventricular function 533
Left ventricular thrombosis 337
Leukocyte concentration 302
Leukocyte isolation 107
Leukocytes 271
Liver 576, 578
Liver calcification 546
Liver cirrhosis 267
Liver neoplasms 546
Liver radionuclide studies 546
Liver-spleen scintigraphy 309
Local cerebellar blood flow 417
Local cerebral blood flow 417
Low-density lipoproteins 291
Lung cancer 329
Lung perfusion 258
Lung tumour 296
Lung uptake 613
Lung-to-thigh ratio 187

M

MAG_3 510
Malignant melanoma 353
MDP 151
Medullary carcinoma 623
Medullary carcinoma of thyroid 77
Melanoma 96, 359
Mercaptoacetyltriglycine 510
Metabolic interventions S20, S27
Metabolic recovery S54
Metastatic bone disease 447
Methyl-branched fatty acid S39
Miniaturized paper chromatography 390
Monoclonal antibodies 515
Monoclonal antibody 168, 405, 455, 461, 573
Motility 176
^{99}Mo 41
MTF 375
Myeloma 461
Myocardial and vascular uptake of ^{99m}Tc 151
Myocardial chemistry S2
Myocardial fatty acid metabolism S32
Myocardial function S11
Myocardial infarction 60, S62, 115, 219, 337, 598
Myocardial ischemia S49, 609
Myocardial metabolism S24, S27, S36, S39, S49, S51, S59
Myocardial perfusion S59
Myocardial perfusion scintigraphy 333
Myocardial retention 486
Myocardial scintigrams 65
Myocardial scintigraphy S34, S45
201 myocardial scintigraphy 369
Myocardial viability S59
Myocardialextraction 120
Myocardium S16
Myositis ossificans 311

N

^{13}N-ammonia S62, 226
Network 2
Neuroblastoma 351
New acquisition technique 263
Non Q-wave infarction S51
Non-invasive identification 369
Noninvasive ^{133}Xe clearance 27
Non-osseous metastatic tumors 413

O

Object motion 375
OIH 510
Onset of function 110
Optimal technique 159
Ossification and calcification 413
Oversulfated acid mucopolysaccharide 560

P

Parathyroid adenoma 304
Parathyroid adenomas 31
Parathyroid hyperplasia 31
Parathyroid scintigraphy 31
Pectus excavatum 309
Percutaneous transluminal coronary angioplasty 605
Perfusion 329
Peripheral perfusion imaging 443
Peripheral vascular disease 443
Peritoneal dialysis 480
PET 21
PET features S2
Phagozite engulfment 159
Pharmacokinetics S34
Phase distortion 375
Photon deficient areas 480
Physiological Factors 280
Plasminogen activator activity 197
Platelet proteins 492
Positron 141
Positron emission S36
Positron emission tomography S49, S51, S54, S62, S66, S70, 211, 236, 244, 321
Positron-emission tomography S11
Premature babies 27
Primary brain tumours 313
Probe S2, 553
PROLOG 65
Propionic acid substituted phenolic amino-carboxylic acid 397
Prostatic carcinoma 447
Protein binding 581
Pseudomonas 277
Pseudomonas aeroginosa 620
Pulmonary embolism 252, 254
Pulmonary embolism detection 155
Pulmonary hypertension 252, 542
Purity-control 390
Pyruvate-1-^{11}C 21

Q

Quality control 2, 41
Quantification 284
Quantitative analysis 482
Quasi-simultaneous multiple projections 263

R

Radio 605
Radioactive 271
Radioimmunodetection 394, 429
Radioiodinated heptadecanoic acid 525
Radioiodinated methyl-substituted fatty acid 120
Radioiodinated phenyl fatty acids S27
Radioisotope generators 41
Radiolabeled free fatty acids S11
Radiolabelled 394
Radio-labelled transferrin 381
Radionuclide angiography 468
Radionuclide evaluation methods 72
Radionuclide imaging 313, 455, 576, 578
Radionuclide studies 271
Radionuclides: MUGA study 542
Radiopharmaceuticals 385
Rat kidney 438
Rat model 461
Regional myocardial blood flow S27
Regional myocardial perfusion 533
Renal 86
Renal biopsy 473
Renal clearance 581
Renal radiopharmaceuticals 510
Renal transplantation 110, 473, 629
Reperfusion S54
rERNA variables 60
Respiratory distress syndrome, adult 381
Reticuloendothelial system 130, 274
Right ventricular dysfunction 529
Right ventricular ejection fraction 231, 365
Right ventricular function 617
Right ventricular ischaemia 529
ROC analysis 482
Ruthenium red 47

S

Sarcoidosis 187
Scintigraphy 51
Scintillation camera study 438
Secondary hyperparathyroidism 151
Second-derivative techniques 69
Secundum atrial septal defect 468
Semi-quantitative imaging 187
Serotonin receptors 141
Single photon emission computerized tomography (SPECT) 417
Single-photon emission computerized tomography (SPECT) 284
Slant hole collimator 53, 503
Software 2
Software phantom 2
SPECT 329, 557, 609
Spleen 130
Splenic scintiscanning 357
Splenosis 357
Squamous cell carcinoma of the pleura 589
^{89}Sr therapy 447
Steady state ^{81m}Kr 365
Stress Tl 369
Stress-ECG 609
Strontium kinetics 447
Sulfocolloides 553
Systemic embolism 337

T

TBI S34
T-butylisonitrile-technetium S34
^{99m}Tc leucocyte labelling 159
^{99m}Tc radiopharmaceuticals 557
^{99m}Tc t-butylisonitrile 333
^{99m}Tc (V)-DMSA 623
^{99m}Tc-aprotinin 37
^{99m}Tc-diethyl-iodo-HIDA 346
^{99m}Tc-diisopropyl-HIDA 346
^{99m}Tc-DMSA gamma imaging 80
^{99m}Tc-DMSA 37
^{99m}Tc-DPD 296
^{99m}Tc-DTPA renography 80
^{99m}Tc-DTPA 91, 254, 477
^{99m}Tc-(d,1)-hexamethylpropyleneamine oxime (HM-PAO) 417
^{99m}Tc-glucoheptonate 296
^{99m}Tc-heated RBC 125
^{99m}Tc-MAG-3 438
^{99m}Tc-MDP extraosseous uptake 589
^{99m}Tc-MDP-scintigraphy 110
^{99m}Tc-MDP 311
^{99m}Tc-methylene diphosphonate 413
^{99m}Tc-plasmin test 197
^{99m}Tc-plasmin 496
^{99m}Tc-radiopharmaceutical 390
^{99m}Tc-rhenium sufur 254
^{99m}Tc-TBI 219
^{99m}Tc 41, 107, 510
Technetium 16, 553
Technetium-99m-DTPA 548
Thallium imaging 9
201-thallium-99m-technetium scintigraphy 304
Thallium-201 5, 567
Thrombospondin 492
Thrombus detection 492
Thrombus scintigraphy 492
Thyroid carcinoma 500
^{201}Tl-thallous chloride 443
^{201}Tl 609
Tomography S36, 578
Transplant 86
Tumor 567
Tumor detection 429
Tumor glucose uptake 325
Tumor imaging 353, 385
Tumor metabolism 321
Tumour imaging 168, 623
Tumour localization 137
Two-dimensional echocardiography 337

V

Vascular permeability 381
Ventilation 329
Ventilation scanning 254
Ventilation-perfusion scan 16, 620
Ventricular function S24
Ventriculography 69
Vesico-ureteral reflux 205
Volume curve 53
Volume measurements 284
V/Q scanning 155

W

Washout 609
Washout parameter 86
Wegener's granulomatosis 130
Whole body retention 342
Wiener filter 231

X

^{127}Xe-radionuclide ventriculography 617
^{133}Xe 503, 533